**On Demand car wash system**

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**Web pages**

1. **Home page**- it will be the landing page which contains the brief details about the site along with navigation bar by which we can access about page and login page
2. **About us**- contains details about the car wash company
3. **Login page** – from this page the user, admin and the washer can login and according to the authorizations each one will be redirected to respective pages
4. **User page** – In this page the user will be able to update their details, browse different service plans, book different plan, cancel bookings and give reviews etc. Each service can be displayed using grids and from there the user can navigate to different pages.
5. **Washer page** – this will be the view for the workers in the firm, here they will be provided with the navigation bars to update their profile, see order requests, update their work progress, view review etc.
6. **Admin page**- It will be the page to which the admin will be redirected, where he will get navigations to see customers details, to add & see washer details, to see the orders and their statuses, to add & edit promos or add on, to update their service plans, etc.

**Database**

**Customer details database**

1. Customer id
2. Customer name
3. Age
4. Gender
5. Contact
6. Address
7. Car details

**Washer (worker) details database**

1. Worker Id
2. Name
3. Age
4. Gender
5. Contact
6. Address

**Service plan details database**

1. Service plan name
2. Detailed description of plan
3. Price

**Functionalities of web application**

**Customer**

1. Login & sign up as customer
2. Update profile as customer
3. Add the details of car
4. Select the car wash package as customer
5. Option to cancel order
6. Payment option for customer
7. Option to schedule the car wash time
8. Option to view bookings as customer
9. Customer should receive payment receipts
10. Post reviews and feedback as customer

**Washer**

1. Login as washer
2. Update profile as washer
3. Option to view the wash requests
4. Option to select the orders from the set of requests
5. Option to reject requests
6. Option to update the progress of the taken order
7. Option to see the details of the address and car for a particular order
8. Option to view their ratings and reviews
9. Should receive notification for new orders, payments etc.
10. Option for washer to see his order which are done and pending

**Admin**

1. Login as admin
2. Add/Edit new washers
3. Edit washer profiles
4. View ratings and reviews given for washer and sites
5. Option to see & Edit customer profiles
6. Remove inactive customers
7. Add /Edit service plans
8. Remove old service plans which are inactive
9. Add/Edit/Remove offers
10. Add / Edit/Remove add-on services
11. Add/Edit promocodes
12. Option to view order details
13. Option to view the statuses of received orders
14. Option to assign pending order to washers
15. Generate reports

**Microservices**

1. User microservice
2. Washer microservice
3. Packages microservice
4. Order microservice
5. Reviews and rating microservice
6. Payment microservice
7. Car details microservice